

Albania - ZA Some more details on the Hungarian

DXpedition to Albania: HA0NNN and HA0MM will start their one-month operation the weekend of Aug. 2-4. All traditional bands, CW and SSB, and perhaps RTTY. They have visas and equipment import licenses in hand, and the necessary transmitting licenses have been promised on arrival. Exact operating frequencies will depend on interference to/from Radio Tirana. They will use computer logging, and duplicate contacts (same band and mode) may not be confirmed. QSLs, and contributions after they get on the air, go to the sponsoring (and licensed) organization: Quick Aid, Box 5, Komoro 4622, Hungary.

Annobon - 3C0 The Spanish team reports that their 3C0CW operation Aug. 4-17 will favor 14140 and 14260 kHz.

Edited by Chod Harris VP2ML

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

Desecho - KP5 KP2A and four other DXers will operate as KP2A/KP5 Aug. 23-Sept. 2, on all bands, including the new bands, CW and SSB. QSLs, and donations, go to Howard Messing WA2NHA, 90 Nellis Dr., Wayne NJ 07470.

Oblast - UZ6AZF, UA6BGB and UA6HPR will operate from three Tadzhikistan Oblasts to Aug. 18. They'll be UJ8S (Obl 041), /UJ8J (Obl 040), and /UJ8R (Obl 042). QSL direct only to home calls: Box 1, Ust-Labinsk 352300 USSR for the first two, and Box 999, Stavropol 355044 USSR for UA6HPR. A pennant is available for making two contacts. US\$5 to UA6BGB. Oblast 090 will be active Aug. 19-24, by UA70XWG/H/N/T/V/W and UA70XYN. QSLs go to Komi SSR QSL bureau, Box 1247, 167001 Syktyvkar USSR, or direct to operators' home calls.

August 2, 1991

Shorty Noted

- CN12DKH will be the call of French DX Foundation team Aug. 13-18. Operators include CN8MK, CN8ST, CN8VV/F6EEM, and CN8YP/F6FYP. They'll be on all bands and modes for a site near the Mauritania border. QSL FDXF. ([DXNS](#).)
- HG32JP is a special call celebrating the visit of the Pope to Hungary, around Aug. 20. QSL to HA3RD.
- Black Sea Islands: A Soviet team will activate several islands in the Black Sea Aug. 1-20, as follows: RY8ZI Zmeiny Is., RY8BI Berezan Is., RY8DI Decarybgach Is., and RY8TI Tendra Is. All bands, CW and SSB. QSL to RB5HT.
- 3W4DK is Slava UA3DK. Try 7002-5 11-1300Z. He'll be there a few weeks, and is investigating a Spratly trip.
- North Pole: Paul McCorkle KA0YMK will operate from a Soviet vessel passing over the North Pole, around Aug. 8. He'll try 14340 kHz at 0500Z and 21410 kHz at 0100Z.
- 6K17WJ and 6K91WJ will be active Aug. 8-16 from the World Scout Jamboree in Korea. Various HL0 club stations will also be active. Awards are available; details for an SASE to [The DX Bulletin](#).
- 5W1CQ is the Western Samoa callsign of Ron Wright ZL1AMO. Try 14025 kHz at 0530Z, 18070 03Z, 21026 0330Z, 21305± 04Z, and 14250 at 1300Z. QSL ZL1AMO.
- VQ9QM, operated by, and QSLed via, W4QM, is due back soon.
- 8Q7CO by IX1BZO is due on Aug. 7-21. Mostly SSB on 1845, 3640, 7040, 10105, 14140, 18140, 21240, 24940, and 28440 kHz. QSL home call. ([Japan DX News](#).)
- OH2BH/EA8 is shutting down soon, contrary to the information in Issue 598.
- GB4RAF will be active from the Valley RAF station in North Wales Aug. 17. ([Practical Wireless](#).)
- 3B8CF/3B6 operation has been postponed, according to the latest in the flood of conflicting news from Mauritius.
- The DXCC backlog is down to two months. As of July 20, the DXCC desk was working on endorsements received May 29. They should be caught up by next month.
- 3A/G0FUN/M will be active on 28025 kHz Aug. 17-18, by Bruce G4WVX and Ivan G0BON. ([DXNS](#).)
- SSB Net news: The Latin American DX Net meets on 14143 kHz at 2130Z, and weekends on 14243 kHz at 1130Z. Check-ins: 7159 kHz: VP8CFM; 14160: TA4A 7X5VRK; 14227: HP1ZWU H44CW V63WP KG4DD P29BT 3D2AA 5W1IU 9M8FH; 14240 (10Z) A3KB WB5STV/V63; 14256; ST0DX ZK1CQ ZC4JJ; 21335: HK0OEP.
- RTTY report: UL7MU is often on 14086 kHz at 0100Z. Some active stations: Z21DC 21086 1450Z; UC2OCJ 14083 1700Z; 3B9FR 14090 0330Z; 4S7RM 14085 1240Z; EA9MY 14083 1610Z; TU2BB 14074 ARQ 0810Z; P29BT 14087 1030Z; HZ1AB 21080 ARQ 1700Z; 5V7DP 21078 1840Z; ZD9BV 21088 1850Z; TR8JH 14089 2100Z; VQ9SS 14073 0210Z; FK8BK 14068 ARQ 1240Z.

Propagation

Forecast and Historical Data

Day	Forecast	27 Days Before	55 Days Before						
		Date	Flux	A	K	Date	Flux	A	K
August 1991		07/06	233	06/08	2	06/08	243	18/26	4
02 Above Normal		07/07	219	06/10	2	06/09	238	35/44	4
03 High Normal		07/08	204	36/46	6	06/10	239	70/78	6
04 Disturbed		07/09	194	41/85	3	06/11	236	78/76	3
05 Disturbed		07/10	194	21/27	2	06/12	230	47/53	5
06 Low Normal		07/11	196	17/22	3	06/13	218	88/94	7
07 Low Normal		07/12	203	19/23	3	06/14	201	11/13	2
08 Low Normal		07/13	196	73/98	5	06/15	197	13/15	2
09 Disturbed		07/14	189	37/61	3	06/16	185	04/08	2
10 Disturbed		07/15	186	12/15	2	06/17	177	37/45	6
11 High Normal		07/16	167	16/19	4	06/18	173	19/28	3
12 Low Normal		07/17	159	25/37	3	06/19	175	21/28	3
13 Disturbed		07/18	189	17/20	3	06/20	166	12/14	3
14 Low Normal		07/19	178	24/32	5	06/21	170	21/23	3
15 Low Normal									

Propagation Watch

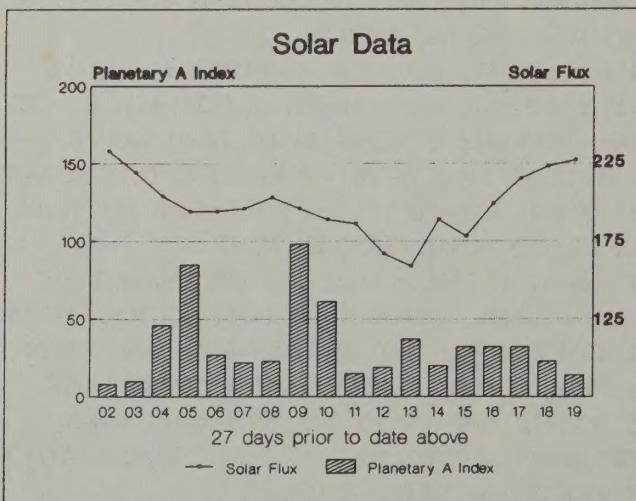
The bands have finally settled down after the severe disruption that began June 1. Flare production on the sun has dropped to low levels, and the geomagnetic activity has, in turn, eased. The result has been good summertime DXing.

The persistent DXer will find some rather weak signals on 10 and 12 meters, mostly on north-south paths: Africa, South America, South Pacific. 15 meters has been opening early in the morning, local time, often with good signals. This will be a good place to look for DX during daylight hours. 17 meters is also open most of the day, with best signals near local dawn and sunset.

The 20-meter long path around local dawn remains one of the most consistent, and productive, DX openings of the day. With stable geomagnetic conditions in the polar latitudes, the long path is open directly over the North Pole in the morning. This means signal strengths are higher than on the skew paths around the polar regions. 20 is also open into the early evening, and often stays open late into the night.

30 and 40 meters provide some DX, especially in the late evening, and before local dawn.

Look for these conditions to continue, or even improve, in the absence for major flares. The magnetically complex sunspots that threatened DX last week have stabilized or decayed, so we may be over the worst of the solar storms.



Islands On The Air

- **Barter Island - NA-050:** Glenn K6NA will be /KL7 until August 7, primarily on 14025 CW. QSL home call.
- **Vestman Island - EU-071:** DL2SCQ/TF7 will be on Aug. 1-7. QSL home call.
- **St. Tudwal's Island - EU-106:** G3ZAY, G0HSD, and others will operate as GC6UW/p on August 3, weather permitting. Try the usual IOTA frequencies: 14260, 21260, and 28460 kHz.
- **Usedom Island - EU-129:** SP6TPM and SP6OUJ will operate here August 16-18, as well as from:
- **Wolin Island - EU-132.**
- **Little Diomede Island - NA-150:** KL7/EK250RA will be active August 4-10.
- **Tokchok Island - AS-???** Some Korean IOTA enthusiasts are shooting for an operation Aug. 3-7, signing HL0HQ/2 on all bands.
- Some spots:

4K4/UA9KW (AS-089) 14025 0340Z; QSL UA9KI
 KL7AF (NA-019) 18069 0110Z
 SV8/OZ1LGF (EU-052) 21006 1830Z
 EJ4E (EU-121) 21015 2235Z
 GW0ONY (EU-124) 21260 2340Z; QSL GW4WJO
 IE9/I1SNW (EU-051) 21259 2315Z; QSL I1SNW
 GM3POI (EU-009) 14256 0045Z
 IG9/IT9FTP (AF-019) 14260 2210Z; QSL IT9VQC

Notes From All Over

- The All Asian SSB test is the first weekend in September, Sept. 7-8, 1991, not the fourth weekend as erroneously printed previously.
- A new IRC, issued from January 1, 1991, is valid for 'minimum postage for ...an unregistered letter sent by air to a foreign country' (emphasis added). Previous editions of the IRC were exchangeable for surface postage. This means that new IRCs are worth US\$0.50 at US post offices. Also, DX stations or QSL managers who demand more than one new IRC for airmail return are requiring a 'tip' in addition to postage costs. (Thanks Five Nine Magazine.)
- AA6EE is closing out the 1991 *Callbooks* for \$24.50 for either the North American or the International editions. The summer Supplement is \$10.50. The 1991 ARRL *Antenna Book* is \$18.50, all postpaid in the US. (California orders add 8.25% tax.) Send check to Duane Heise AA6EE, 16832 Whirlwind, Ramona CA 92065.
- The Y2-Y9 callsign block will soon be returned to the International Telecommunications Union (ITU) for reassignment, as former East German licenses receive DL prefixes. (Thanks ARRL Letter.)
- Dave Siddall K3ZJ is the new Chief of the Frequency Allocation Branch of the FCC's Office of Engineering and Technology. Dave is an active contesteer, and is the Roanoke Division's Contest Advisory Committee representative. (Thanks ARRL Letter.)
- Malaysia is developing a tourist resort on Swallow Reef, an atoll in the **Spratly Islands**. The bird watching, fishing, and diving are reported to be very good. The trip from Kota Kinabalu on the Malaysian mainland takes 1½ hours by helicopter, or 16 hours by boat. Who'll be the first DXer to operate from Swallow?

B • A • N • D • P • A • S • S

Key to Bandpass: Callsign, frequency, UTC, day of the month, state. * = long path. P = packet.
All "portable" calls listed with country of operation first, regardless of format used on the air.

S	M	T	W	T	F	S
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17

RTTY

3B9FR	14089	0315	23	CA
4S7RM *	14090	1120	27	FL
4U1UN	14099	0841	20	OH
EA9MY	14084	2358	27	FL
EP2ASZ	14082	2245	20	CA
KH3/	14084	0710	21	CA
KE2AA				
UL7MU	14087	0050	21	CA
UZ9CWA	14082	0235	24	CA
V44KAE	14088	2331	21	OH
V47RF	14088	2332	21	OH
V51DF	21085	2030	16	MN

80 Meters

CX4SS	3507	0019	17	MD
LU5HDJ	3508	0035	17	MD

75 Meters

JA1JRK	3799	1010	15	MD
XQ6ET	3791	0227	15	MD

40 Meters

3W3DK	7005	1230	21	WA
7Q7JH	7006	0435	20	SC
HS0AC	7007	1209	21	WA
TK/	7010	0210	18	IA
DL7HZ				
TL8FD	7002	0259	26	MI
Z21HS	7012	0231	21	MI

30 Meters

4K1B	10103	1034	27	FL
CO2MA	10101	0212	16	KS
FP5DX	10102	0205	20	AL
HR1LW	10103	1150	21	CT
JY6ZZ	10101	0335	22	NY
PZ1DV *	10106	1046	20	CT
VE2EDK	10110	0058	17	VA
ZL2AGY	10106	0918	21	NY
ZP6CW	10102	2354	20	VA

20 Meter CW

3B8CF	14030	0355	15	IL
3B8FG	14020	0256	26	MN
3B8FG *	14020	1201	24	MN
3B9FR *	14029	1200	16	PA
3DA0BK *	14020	1320	20	CA
3V8RL	14003	2330	18	GA
4K1A	14004	1220	18	CO
4K1B	14005	0758	16	WI
4K1B	14006	1027	19	NH
4K2OIL	14029	0306	25	UT
4K2OIL	14002	2114	21	FL
4K2PGO	14027	0130	20	GA
4K2POL	14031	1420	16	WA
4L1NV	14006	1520	19	NH
4S7CF	14027	1056	27	FL
4S7EF *	14029	1217	25	MN
4S7NE	14002	2352	19	MI
4S7WP	14020	1133	21	NH
4S7WP	14032	2315	20	GA
4U1UN	14033	0103	20	AL
5W1CW	14026	0539	22	UT
7Q7JH	14022	0353	20	SC
7Q7LA *	14020	1310	19	CA

7X2CR 14004 0009 23 NY
8R1J 14022 0116 14 IL
9L1US 14027 2358 7 PA

9M2AX * 14028 1030 6 PA
9M2FK * 14020 1052 6 PA
9M2ZA * 14037 1115 20 CT

9V1JY 14030 1038 19 NH
9V1JY 14015 1405 22 MN
BV2CE 14003 1150 19 IA

BV2NB 14034 1408 23 CO
BV2TA 14010 1237 18 CO
CP8AL 14039 2357 20 OH

DU3/ 14025 1240 16 CO
K4SXT
EA6AAK 14025 0145 19 CA

EK9Z 14015 1415 19 MN
ES1AO 14016 1230 16 NH
ES5DE 14022 0111 23 FL

ES7R/ 14018 0647 25 CA
EX7F 14008 0152 25 FL
FH5EL *

14002 1257 21 FL
FJ/FG5ED 14009 0255 21 AZ
FK8FG 14020 0614 20 IL

FR5BT * 14040 1350 19 CA
FR5DD * 14034 1219 25 MN
FR5FA *

14030 1204 22 MN
FT4WC 14017 1206 20 AL
HC5AI 14011 1148 17 NH

H18A 14004 0600 19 UT
HS0AC 14025 1016 21 NH
HS0D 14003 1024 19 NH

HS1BV * 14003 1058 6 PA
J28FO 14010 0333 21 AL
JT1BH 14013 1227 18 CO

KH3/ 14012 0905 19 CA
KB6VUP
LZ3DX 14002 0131 19 MO

LZ3RM 14027 0200 18 GA
P29DK 14012 1240 19 MO

R9EF 14037 0218 19 GA
RH0E 14017 0140 20 GA
RI1OA 14008 0103 24 FL

SU1HV 14005 0113 21 FL
SV0CJ/5 14005 2320 20 OH
SV1AEU/5 14004 0356 22 ID

T77C 14022 2337 20 OH
TK0KP 14029 0251 21 WA
TL8FD 14024 0349 13 MA

TL8FD 14021 2234 19 MN
TU2MA 14036 0104 24 MN

UA8TAA 14028 1251 22 CO
UF6FIM 14034 2359 20 GA

UF6FWR 14004 0114 22 OH
UF6QBA 14035 0318 25 UT

UF7FWR 14018 0035 22 FL
UG6JJ 14022 0315 12 MA

UL7MU 14032 0152 21 FL
UL8AWL 14005 0119 27 FL

UM8NU 14013 0110 24 FL
UN0/ 14006 0050 27 FL

4K4QQ
UT0N 14045 0140 16 GA

UT5RP 14089 0137 27 FL

V27T 14037 0330 21 CA

V63GD 14002 1253 25 CA

V85FC 14003 1615 22 MN

VE2DWU 14018 2227 17 GA

VE2EDK 14003 1135 18 AL

VP8GAV 14020 1256 25 CA

VQ9JT 14031 1245 17 IA

VU2LX * 14021 1242 21 MN

VU2NI 14030 0120 17 MI

VU2NI * 14007 1139 21 FL
VU2NTA * 14002 1219 22 MN
VZ7T 14027 0037 14 OH

XU1NQ 14020 1420 18 WA
Y90SOP 14011 1032 19 NH
YN1CC 14004 1248 18 OH

Z21HS 14017 2108 21 FL
ZD8SE 14026 2352 19 MN
ZD8VJ 14026 1941 8 NY

ZP6CW 14027 1138 19 NH
ZP8SE 14025 0008 20 MI

20 Meter SSB

3B8FU * 14191 1322 22 CA
3DA0BX 14170 1313 20 CO
4K2OIL 14226 2256 22 WI

4S7NS 14190 1210 17 IA
4S7RO 14193 1135 17 IA
4S7VK * 14193 1138 17 MA

5N9FEA 14206 1858 18 MA
5W1CW 14252 1257 23 FL
5Z4BH * 14168 1348 21 CA

5Z4BI 14150 2213 20 NH
7P8EB 14215 1425 23 CA
7Q7MM * 14199 1150 19 IL

7X2LZ 14243 0219 20 CT
7X5VRK 14160 0014 18 MA
8R1MV 14160 0201 21 CA

9K2JH 14237 0244 20 CT
9K2SH 14290 0040 17 MA
9L1US 14202 2353 9 WI

9V1XQ * 14190 1050 6 PA
9V1YQ 14176 1430 24 CA
A35KB 14222 0425 19 WA

A41JW 14172 0106 16 GA
A41KJ * 14190 1334 23 CA
BY5TS 14186 1350 18 IA

C6AFW 14226 2134 19 FL
C9RTC 14175 1235 20 IA
CE0LJI 14204 0406 19 WA

CN8GT 14205 0001 18 MA
EA9IB 14172 2343 20 NH
EA9RY 14172 2343 20 NH

FK8FI 14202 1257 20 MN
FK8FR 14172 1131 17 MA
FO4DL 14171 0629 20 IL

FP5DX 14242 0250 16 GA
HK0TCN 14155 0616 19 WI
HS1CHB 14180 1430 19 CA

HZ1AB * 14165 1420 21 MA
JT1BG 14195 1425 16 WA
JT1CS 14196 1333 22 WA

OD5RA 14235 0310 21 CA
OD5ZZ 14261 0247 21 FL
P29DK 14189 1250 21 IL

RO5OO 14197 2225 20 NH
ST0DX 14197 2218 19 NH
T32Z 14215 0858 18 WI

TA5C 14191 0209 21 WA
TA8C 14167 0105 16 GA
TJ1FN 14245 2054 13 MA

UL7JGJ 14150 2358 20 NH
V85IR 14165 2232 20 NH
VK0KC 14190 1330 17 CA

VQ9AB * 14178 1132 17 MA
VQ9KA 14212 1325 19 IA
VS6VO 14199 1423 16 WA

VS6WV 14195 1248 19 CO
VU2LZ * 14185 1136 17 MA
VU2SCU 14164 1935 22 MA

ZC4RAF 14167 2005 18 MA

17 Meter CW

4K1D 18074 1111 27 FL
4K2PGO 18074 0021 24 FL
4K2PGO 18071 1236 15 CT

4U1UN 18075 0154 20 SC
5W1CW 18076 0305 22 SC
6V1A 18071 2050 20 NY

CO2VG 18075 0445 18 SC
HC5AI 18075 0840 26 NJ
HR1LW 18080 1147 22 NY

KH3AE 18080 0225 21 SC
KL7CYL 18072 1751 19 NY
LY2BR 18072 2113 26 FL

PJ8AD 18070 1133 22 NY
UA3DBM 18076 0206 25 CA
UD6DKW 18073 0603 25 CA

ZD8WD 18076 2121 18 MO
ZL8WB 18081 2050 25 NJ
ZP6CW 18071 2147 10 VA

17 Meter SSB

FO0IGS 18132 0850 25 NJ
HC8GR 18123 2355 22 CT
VP9HE 18132 2351 21 OH

15 Meter CW

4K1D 21027 1107 18 NH
4S7WP 21016 2050 21 FL
5B4ADA 21010 1900 27 FL

5W1CW 21027 0320 24 UT
7X2CR 21005 1914 27 FL
9L1US 21026 1528 21 MN

9X5HG 21035 2043 22 CO
ES7R/ 21032 1354 27 FL
FJ/FG5ED 21006 2031 21 IL

FP5DX 21016 2159 26 FL
FY5YE 21040 1600 6 NY
PZ1DY 21021 1852 27 FL

SU1HV 21018 0052 26 MN
SU1HV 21007 1604 21 FL
TL8FD 21026 2038 24 CA

TR8GL 21030 1605 5 NY
UL7LG 21028 1622 6 NY
V85AA 21003 1715 27 FL

VE2EDK 14003 1134 18 NH
ZD8LII 21015 1915 17 GA

10 Meter CW

5W1CW 28022 2051 26 FL
5Z4FO 28025 1523 27 FL
C56/ 28027 1917 27 FL

KC4YDP
CE0FFD 28010 1920 27 FL
IH9PA 28025 1530 27 FL

10 Meter SSB

CU2DG 28487 1645 21 NJ
V51P 28460 1340 21 NJ
ZD8ACJ 28288 1807 13 MA

ZU1AAP 28472 1515 21 NJ

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Current and Future DXpeditions

(Changes and hot info in boldface.)

DXCC Country	Prefix	Callsign	Dates	Issue
Aland Island	OHØ	OHØBDA	July 29-Aug. 11	I598
Albania	ZA	ZA2QA	Aug. 2-Sept.	I599
Andorra	C3	C3ØEJA	July-Aug.	I594
Anguilla	VP2EBN		Aug. 6-12	I597
Annobon	3CØ	3CØCW	Aug. 4-17	I599
Brunei	V8	V85OM/XYL	Aug. 5-12	I596
Central African Rep.	TL8FD		Now-Aug. 15	I590
Corsica	TK/	F6JMY	July 15-Sept.	I594
		I4FYF	Aug. 6-20	I598
Desecheo	KP5	KP2A/KP5	Aug. 23-Sept. 2	I599
East Malaysia	9M	9M6OO/BQ	Aug. 12-20	I596
Ecuador	HC	HC1MD	August	I597
Faroe Islands	OY/	LA4LN, LA1SP	Aug. 2-5	I595
Hawaii	KH6/K6ICS		July 30-Aug. 23	I597
Hong Kong	VS6/	N2OO, KF2BQ	Aug. 24-30	I596
Kumpuchea	XU	XU1NQ	to Aug. 14	I598
Leichtenstein	HBØ	FD1OQJ/K	Aug. 3-10	I597
Maldives	8Q	8Q7CO	Aug. 7-21	I599
Monaco	3A/GØFUN/A		Aug. 17-18	I599
Morocco	CN	CN12DKH	Aug. 13-18	I599
Mozambique	C9	C9RTC	Now-Sept.	I598
Oblasts	UJ8S/J/R		to Aug. 18	I599
	UA-X 090		Aug. 19-24	I599
St. Brandon	3B7	3B7CF	Postponed?	I599
St. Paul Island	CY9	CY9CWI	Aug. 2-6	I594
St. Pierre & Miquelon	FP/NT1M	WO1G	Aug. 1-7	I596
South Cook Islands	ZK1??		Aug. 18-25	I594
Togo	5V/F2JD		July 15-Dec.	I596
Tonga	A3	A35??	July 30-Aug. 11	I594
		A35IM, etc.	Aug. 10-15	I597
Western Samoa	5W	5W1CQ	Now	I599

Operating Events and DX Gatherings

Dates	Event	Reference:
Aug. 10-11	Worked All Europe CW	CQ
Aug. 17-18	SARTG RTTY Test	CQ
Aug. 17-18	SEANET SSB Test	CQ
Sept. 7	W9DXCC Convention	I593

Resident Amateurs on Regularly

DXCC Country	Callsign	Freq.	UTC
■ Algeria	7X2LZ	20M SSB	0200Z
■ Antarctica	4K1B	14006	1030Z
■ Antarctica	4K1A	14004	1220Z
■ Chagos	VQ9KA	14212	1330Z Fri.
■ Crozet Island	FT4WC	14030±	12-1300Z
■ Egypt	SU1HV	14006	0115Z
■ Franz Josef Land	4K2PGO	14026	0130Z
■ Franz Josef Land	4K2OIL	14025±	0300Z
■ Franz Josef Land	4K2PGO	18070	1230Z
■ Georgia	UF7FWW	14010	0030Z
■ Guyana	8R1J	14020±	0115Z
■ India	VU2NTA	14004	1220Z Mon.
■ Malaysia	9M2AX	14029	1030Z Sat.
■ Mongolia	JT1CS	14194	1330Z
■ Oman	A41KJ	14180±	1330Z
■ Papua-New Guinea	P29DK	14011/14180±1245Z	
■ Paraguay	ZP6CW	10101	0000Z
■ Paraguay	ZP6CW	18072	2200Z
■ Reunion Island	FR5FA	14030±	12-1400Z
■ Reunion Island	FR5DD	20M CW	1220Z
■ Rodriguez Island	3B9FR	14029	1200Z
■ Rwanda	9X5HG	21033±	2100Z
■ Singapore	9V1JY	14020	1400Z
■ Southern Sudan	STØDX	14200±	2200Z
■ Sri Lanka	4S7WP	20M CW	2315/1130Z
■ Swaziland	3DAØBK	14019	1320Z
■ Thailand	HSØAC	20M CW	10-1300Z
■ Thailand	HSØD	14003	1030Z

Contributors

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